

Generation

Q. Reference: "2025 Capital Budget Application," Newfoundland Power Inc., June 28, 2024, sch. B, Mount Carmel Pond Dam Refurbishment, p. 102.

Newfoundland Power identified and assessed two alternatives for the *Mount Carmel Pond Dam Refurbishment* project. The alternatives included: (i) refurbishing the dam in 2025 and 2026; and (ii) reducing the full supply level of Mount Carmel Pond by 1.2 metres.

Does the proposed scope of work for this project include a complete replacement of the Mount Carmel Pond Spillway structure? If so, was replacing the vertical steel stoplog supports and refurbishing the existing concrete foundation considered? If not, why not?

A. Yes, the proposed scope of work involves substantially replacing the spillway structure.

The alternatives considered in the report were developed based on the results of the condition assessment performed. As presented in the report, the steel supports are embedded into the foundation of the spillway structure along its entire length. All the steel stoplog supports have yielded and require replacement. In addition, concrete damage was observed to the foundation. Due to the extensive repair necessary, the repair option was determined to be functionally equivalent to the replacement option.